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Technology Center 2600

**IN THE CLAIMS***Please amend Claim 13 as follows:*

13. A subscriber station for use in a cellular communication system comprising a cell, a base station associated with said cell, said base station transmitting a downstream communication signal through an antenna associated with said base station, said subscriber station communicating with said base station via an upstream communication signal and said subscriber station comprising a local antenna oriented towards said antenna to receive said downstream communication signal and to transmit to said base station said upstream communication signal,

wherein during initiation of operation of said subscriber station, first said subscriber station operates in a receive-only mode to detect said downstream communication signal having a stable downstream frequency, then detects any received frequency error in said downstream communication signal and then adjusts frequency characteristics of said upstream communication signal utilizing said received frequency error.

*Please cancel claims 26-32, without prejudice.*

\* \* \*

**REMARKS****IN THE SPECIFICATION**

The paragraph in column 14 beginning at line 51 is amended to identify FIGS. 16(a) to 16(d) as the subject figures of the proceeding section in the specification. Also a typographical error, correcting the word --the-- from "tea", is made to the second sentence in that paragraph. The specification beginning at column 14 at line 51 and ending at column 15 at line 22 clearly supports the amendments herein.

The paragraph in column 16 beginning at line 39 is amended to identify FIG. 17 as the subject figure of that paragraph. The specification beginning at column 16 at line 6 and ending at line 53 clearly supports the amendment herein.

#### **IN THE CLAIMS**

Claim 13 is amended to delete one instance of a duplicated noun phrase "said subscriber station" from the claim.

Claims 26-32 are deleted, without prejudice.

#### **Objection under 37 CFR 1.172(a)**

Examiner objected to subject re-issue application as lacking written consent of all assignees owning an undivided interest in the patent. Applicant provides herein a true copy of an original executed written consent of a representative of the assignee of record, Stanford Telecommunications, Inc.

Examiner objected to the subject re-issue application as ownership interest by the Assignee of record had not been established. Applicant provides herein a true copy of an original executed Statement under 3.73(b) by a representative of the assignee of record, Stanford Telecommunications, Inc., indicating the reel and frame information of the operative assignment document.

Applicant will provide the original patent or a statement as to loss or inaccessibility of the original patent in due course, subject to any Office Action responsive to this Response.

In view of the above statements and filed documents, Applicant traverses all outstanding objections to the re-issue application.

All rejections under 35 U.S.C. 103 relate to claims 26-32, which are cancelled herein, without prejudice. Accordingly, Applicant traverses all rejections based thereon.

\* \* \*

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached pages are captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

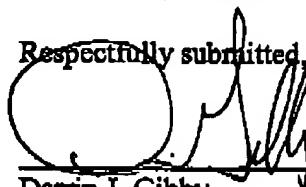
No new matter has been added by way of this amendment. All amendments not specifically dealt with are to correct typographical errors and to correct informalities.

By way of the present amendment, this application is believed to be in condition for allowance and such action in due course is earnestly solicited. The Examiner is invited to contact the undersigned by telephone to discuss this case further, if necessary.

Date

1/16/03

Respectfully submitted,



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(Registration No. 38,464)

**VERSION WITH MARKINGS TO SHOW CHANGES MADE****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Title:** LOCAL MULTIPOINT DISTRIBUTION SYSTEM **Examiner:** D. TO  
**Serial No.:** 08/574,605 **Art Unit:** 2682  
**Filed:** December 6, 1995  
**Applicant:** BUSTAMANTE, H.; CHEN, H.  
**Assignee:** Stanford Telecommunications, Inc.

United States Department of Commerce  
Patent and Trademark Office  
Commissioner of Patents and Trademarks  
Washington, D.C., 20231  
U.S.A.

**IN THE SPECIFICATION:**

*Please replace the paragraph beginning in column 14, line 51 with the following paragraph:*

~~{FIG.}~~FIGS. 16(a) to 16(d) illustrate several typical complete message structures. The size of the various segments is shown in terms of bytes.

*Please replace the paragraph beginning in column 16, line 38 with the following paragraph:*

~~{FIG. W}~~Referring to FIG. 17, operations are now initiated. The Base Station receives the subscriber signal as adjusted by the Subscriber system. There may still be an error which can develop over time due to temperature changes or changes in component values due to ~~{aging}~~ ageing.

**IN THE CLAIMS**

*Claim 13 has been amended as follows:*

13. A subscriber station for use in a cellular communication system comprising a cell, a base station associated with said cell, said base station transmitting a downstream communication signal through an antenna associated with said base station, ~~{said subscriber station}~~ said subscriber station communicating with said base station via an upstream communication signal and said subscriber station comprising a local antenna oriented towards said antenna to receive said downstream communication signal and to transmit to said base station said upstream communication signal,
- wherein during initiation of operation of said subscriber station, said subscriber station first operates in a receive-only mode to detect said downstream communication signal having a stable downstream frequency, then detects any received frequency error in said downstream communication signal and then adjusts frequency characteristics of said upstream communication signal utilizing said received frequency error.

*Claims 26-32 have been cancelled*

\* \* \*